

# imagePROGRAF PRO-4100

## UNRIVALLED COLOUR EXPRESSION WITH FAST AND EFFICIENT 44 INCH OUTPUT

A large format solution for  
print service providers in the  
photographic and fine art  
markets



- **Media expert**

Automatic media handling adapts to any media type for a streamlined user experience

- **Protect print data**

Maximise security by restricting print connections and protocols with individual user passcodes

- **Workflow efficiency**

Work smarter with hard keys and saved on-screen settings for frequently used operations

- **Auto media type detection**

A sensor detects the media, matches it with an internal database and automatically selects the media type

- **Colour reproduction**

Advanced image processing accurately expresses colours, improves gradation and increases sharpness

### PRODUCT RANGE



imagePROGRAF PRO-2100



imagePROGRAF PRO-4100



imagePROGRAF PRO-6100

**Canon**

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# TECHNICAL SPECIFICATIONS

# imagePROGRAF PRO-4100

## TECHNOLOGY

<b>Printer Type</b>	12 Colour 44"/1118mm
<b>Print Technology</b>	Canon Bubblejet on Demand 12 colours integrated type (12 chips per print head x 1 print head)
<b>Print Resolution</b>	2,400 x 1200 dpi
<b>Number of Nozzles</b>	18,432 nozzles (1536 nozzles x 12 colour)
<b>Line Accuracy</b>	30.1% or less User adjustments necessary. Printing environment and media must match those used for the adjustments. CAD paper required: Plain paper, CAD tracing paper, coated paper, CAD translucent matte film only
<b>Nozzle Pitch</b>	600 dpi x 2 includes Non-firing nozzle detection and compensation system
<b>Ink Droplet Size</b>	minimum 4 pl per colour
<b>Ink Capacity</b>	Sales Ink: 160ml/330ml/700ml Bundled Starter Ink: 330ml
<b>Ink Type</b>	Pigment inks - Black, Matte Black, Cyan, Magenta, Yellow, Photo Cyan, Photo Magenta, Grey, Photo Grey, Red, Blue, Chroma Optimiser
<b>OS Compatibility</b>	Microsoft Windows: 32 Bit, Vista, 7, 8, 8.1, 10 Server 2008, 64 Bit: Vista, 7, 8, 8.1, 10, Server 2008/R2, Server 2012/R2, Windows Server 2019 Apple Macintosh: OS X 10.11.6, macOS 10.12-macOS 10.15
<b>Printer Languages</b>	SG Raster (Swift Graphic Raster), PDF (Ver.1.7), JPEG (Ver. JFIF 1.02)
<b>Standard Interfaces</b>	USB A Port: USB Memory Direct Print for JPEG/PDF files USB B Port: Built-in Hi-Speed USB 2.0 Ethernet: 10/100/1000 base-T Wireless LAN: IEEE802.11n/IEEE802.11g/IEEE802.11b *Please refer to user manual how to activate/deactivate the wireless LAN

## MEMORY

<b>Standard memory</b>	3 GB
<b>Hard Drive</b>	500 GB (Encrypted HDD)

## PRINT TIME FOR A0 PAGE SIZE

<b>Media Type</b>	Print Mode: Print Time	
<b>Plain Paper</b>	<b>Print Mode</b>	<b>Print Time</b>
	Fast	1:37 min
<b>Coated Paper</b>	<b>Print Mode</b>	<b>Print Time</b>
	Standard	2:49 min
<b>Glossy Photo Paper</b>	<b>Print Mode</b>	<b>Print Time</b>
	High Quality	5:35 min
<b>Glossy Photo Paper</b>	<b>Print Mode</b>	<b>Print Time</b>
	Standard	5:35 min
<b>Glossy Photo Paper</b>	<b>Print Mode</b>	<b>Print Time</b>
	High Quality	8:50 min

## MEDIA HANDLING

<b>Media Feed and Output</b>	Upper Roll Paper: One Roll, Front-loading, Front Output Lower Roll Paper: One Roll, Front-loading, Front Output Cut Sheet: Front-loading, Front Output (Manual feed using media locking lever)
<b>Media Width</b>	Roll paper: 152.4-1118 mm Cut sheet: 152.4-1118 mm
<b>Media Thickness</b>	Roll/Cut: 0.07 - 0.8 mm
<b>Minimum Printable Length</b>	203.2 mm
<b>Maximum Printable Length</b>	Roll paper: 18 m (Varies according to the OS and application) Cut sheet: 2133.6mm
<b>Maximum Media Roll Diameter</b>	170 mm
<b>Media Core Size</b>	Internal diameter of roll core: 2 1/3"
<b>Margins Recommended area</b>	Roll paper: Top: 20 mm, Bottom: 3 mm, Side: 3 mm Cut sheet: Top: 20 mm, Bottom: 20 mm, Side: 3 mm
<b>Margins Printable area</b>	Roll paper: Top: 3 mm, Bottom: 3 mm, Side: 3 mm Roll paper (borderless): Top: 0 mm, Bottom: 0 mm, Side: 0 mm Cut sheet: Top: 3 mm, Bottom: 20 mm, Side: 3 mm

## Media Feed Capacity

Roll Paper: Two rolls. Automatic switching is possible.  
Cut Sheet: 1 sheet

## Media Take-up roll unit

Dual direction roll take up unit allowing print surface to be wound inside or outside of the roll

## Borderless Printing Width (Roll Only)

515mm(JIS B2), 728mm(JIS B1), 1030mm(JIS B0), 594mm(ISO A1), 841mm(ISO A0), 10", 14", 17", 24", 36", 42", 44", 257mm(JIS B4)\*, 297mm(ISO A3)\*, 329mm(ISO A3+)\*, 420mm(ISO A2)\*, 6", 8", 12", 16", 20", 22", 30", 300mm\*, 500mm, 600mm, 800mm, 1000mm and custom roll width (152.4-1118 mm)

\*Some environmental conditions may not produce the desired result

## Maximum number of delivered prints

Standard position: 1 sheet  
Flat position: A2 landscape, glossy paper less than 10 sheets, Coated paper less than 20 sheets (excludes strong curled condition)

## DIMENSIONS AND WEIGHT

### Physical Dimensions WxDxH (mm) and Weight (Kg)

1593 x 984 x 1168 mm (Basket Open)  
1593 x 766 x 1168 mm (Basket Closed)  
145kg (including Roll Holder Set and Roll unit, excluding ink and print heads)

### Packaged Dimensions WxDxH (mm) and Weight (Kg)

Printer (Main unit with pallet): 1820 x 915 x 1042 mm  
177kg  
Roll Unit: 1727 x 562 x 461 mm  
33kg

## POWER AND OPERATING REQUIREMENTS

### Power Supply

AC 100-240V (50-60Hz)

### Power Consumption

Operation: 107 W or less  
Sleep mode: 2.0W or less  
Default setting for the time to enter the Sleep mode: Approx. 5 Minutes  
Power off: 0.3 W or less

### Operating Environment

Temperature: 15-30°C, Humidity: 10-80% RH (no dew condensation)

### Acoustic Noise (Power/Pressure)

Operation: approx. 48 dB (A)  
(Glossy paper, Print priority: Standard)  
Standby: 35 dB (A) or less  
Operation: 6.6 Bels or less (Glossy paper, Image, Print priority: Standard) (Measured on ISO 7779 standard)

### Regulations

Europe: CE mark, Russia: EAC

### Certificates

TUV, CB

## WHAT'S INCLUDED

### What's in the Box?

Printer, 1print heads, 3 inch paper core attachment, Power Cable, 1 set of starter ink tanks, Set up guide, Safety/Standard Environment leaflet, User software CD-ROM (Win), PosterArtist Lite CD-ROM, EU Biocide Sheet, Eurasian Economic Union Sheet, Important Information Sheet

### Software Included

imagePROGRAF PRO Printer Driver and PosterArtist Lite  
Other software available as Download from Web.

## OPTIONS

### Optional Items

2/3" Roll Holder: RH2-46  
Roll Unit: RU-43

## CONSUMABLES

### User Replaceable Items

Ink Tank: PFI-1100 (160ml), PFI-1300 (330ml), PFI-1700 (700ml)  
Print Head: PF-10  
Cutter Blade: CT-07  
Maintenance Cartridge: MC-30

## Disclaimer

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